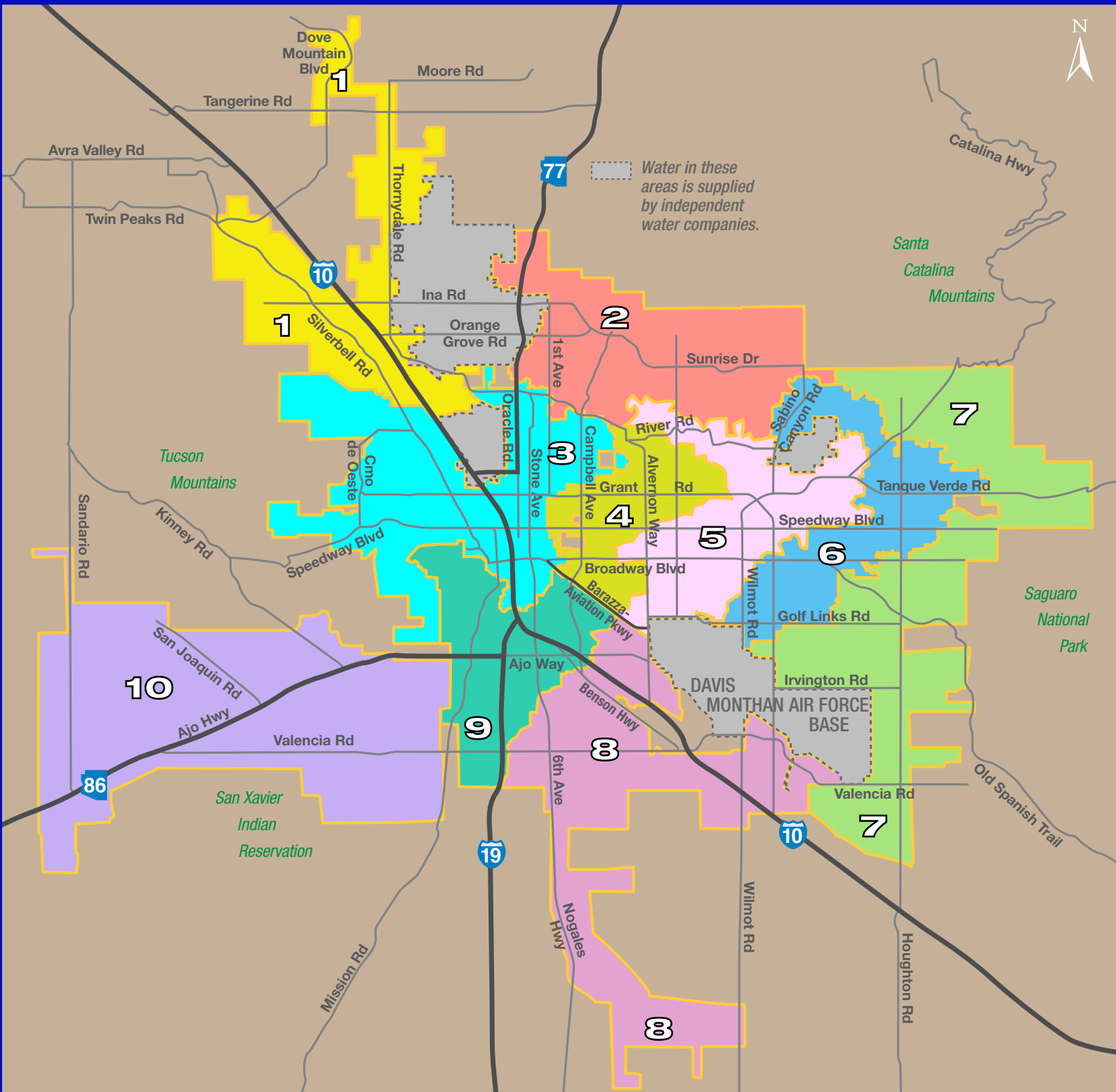


April 2016

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

## Main Water System



April 2016

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water quality zones for a water distribution system that covers some 375 square miles.

## Main Water System

### TEST RESULTS BY WATER QUALITY ZONE

Zones	Hardness (mg/L*) 79 SP	Sodium (mg/L*) 78 SP	Nitrate-N (mg/L*) 78 SP	Fluoride (mg/L*) 78 SP	pH Level (S.U.) 246 SP	Minerals (mg/L*) 246 SP	Temperature (deg°F) 246 SP
1	230	59	2.04	0.37	7.8	488	77.9
2	250	66	1.17	0.40	7.8	505	77.6
3	233	62	1.54	0.49	7.8	483	77.4
4	199	58	0.91	0.28	7.8	414	78.7
5	223	65	0.92	0.31	7.7	455	76.9
6	196	57	1.19	0.31	7.8	447	77.2
7	204	54	1.53	0.26	7.8	427	77.6
8	201	60	1.68	0.38	7.7	443	78.6
9	215	59	1.83	0.47	7.7	459	78.5
10	194	64	1.48	0.31	7.8	443	78.0
<b>Avg</b>	<b>216</b>	<b>61</b>	<b>1.34</b>	<b>0.36</b>	<b>7.8</b>	<b>456</b>	<b>77.8</b>

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons SP = Sample Points S.U. = Standard Units

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.

E. coli positive samples/mo.

Follow-up assessment required?

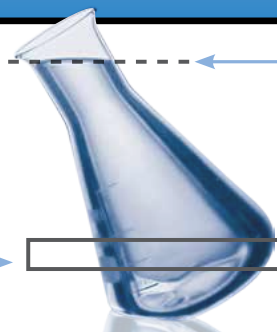


### CHLORINE

EPA Standard  
Max. 4.0 mg/L

Actual Average  
246 samples–0.9 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L

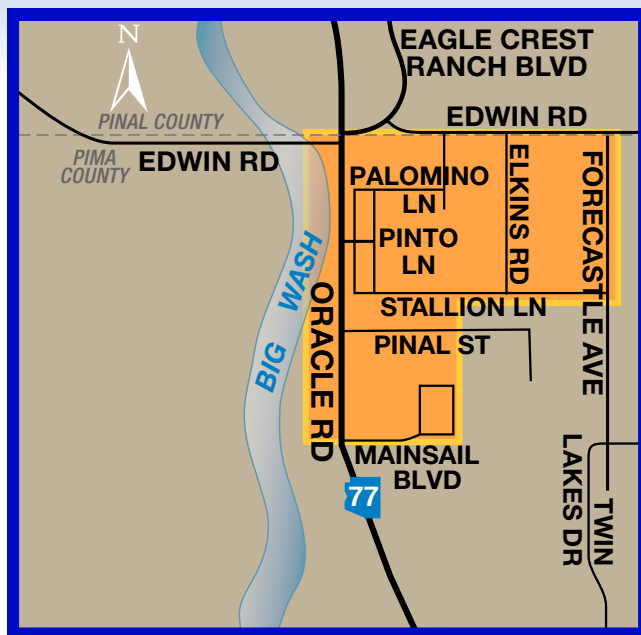


April 2016

Tucson Water also monitors water quality at 10 separate and distinct community systems served solely by local groundwater wells – not from the main water distribution system. Hundreds of individual tests are conducted each year on these community wells to ensure well water is clean, safe and secure.

## Catalina Water System

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 persons with water from two wells.



### TEST RESULTS from 2 Sample Points (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 2 SP	Minerals (mg/L*) 2 SP	Temperature (deg°F) 2 SP
108	32	3.61	0.49	8.1	196	76.2

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.  
E. coli positive samples/mo.  
Follow-up assessment required?



### CHLORINE

Actual Average

2 samples—1.2 mg/L

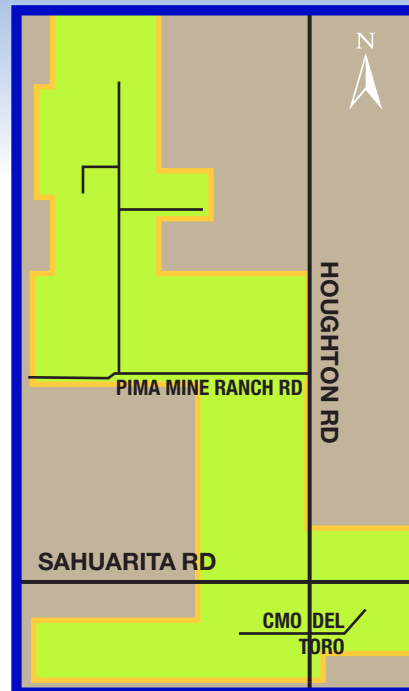
EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



## Corona de Tucson Water System

Corona de Tucson is a community located near Sahuarita and Houghton Roads, with about 2,600 connections supplying about 7,300 persons with water from three wells.



### TEST RESULTS from 9 Sample Points (SP)

Hardness (mg/L*) 3 SP	Sodium (mg/L*) 3 SP	Nitrate-N (mg/L*) 3 SP	Fluoride (mg/L*) 3 SP	pH Level (S.U.) 9 SP	Minerals (mg/L*) 9 SP	Temperature (deg°F) 9 SP
193	49	1.15	0.39	7.5	385	75.8

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.  
E. coli positive samples/mo.  
Follow-up assessment required?



### CHLORINE

Actual Average

9 samples—0.8 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L



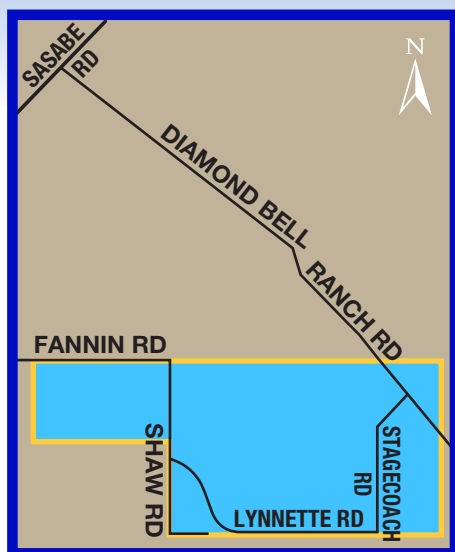
April 2016

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## Diamond Bell Water System

Diamond Bell is a community located south and east of Sasabe Road and Diamond Bell Ranch Road respectively,

with about 200 connections supplying about 570 persons with water from two wells.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 2 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
115	29	1.50	0.20	7.7	211	71.6

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.  
E. coli positive samples/mo.  
Follow-up assessment required?

0

0

no

### CHLORINE

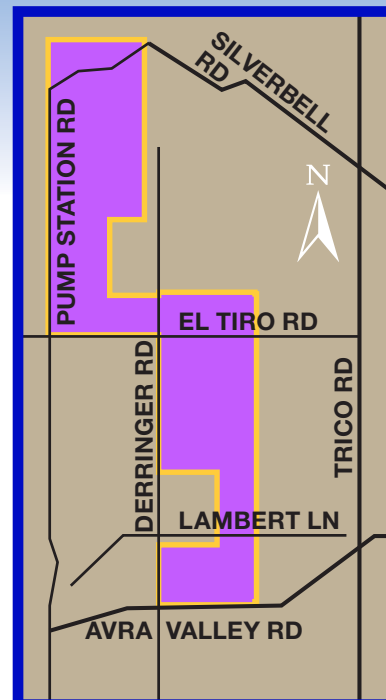
Actual Average  
1 sample—0.8 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water target average  
0.8 to 1.2 mg/L

## Rancho del Sol Lindo & White Fence Farms Water System

Rancho del Sol Lindo is a community located southwest of Silverbell Road and North Trico Road. Rancho del Sol Lindo has about 1,000 connections, supplying about 2,700 persons with water from two wells.



### TEST RESULTS from 3 Sample Points (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 3 SP	Minerals (mg/L*) 3 SP	Temperature (deg°F) 3 SP
130	39	2.79	0.48	7.8	252	78.0

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.  
E. coli positive samples/mo.  
Follow-up assessment required?

0

0

no

### CHLORINE

Actual Average  
3 samples—0.9 mg/L

EPA Standard  
Max. 4.0 mg/L

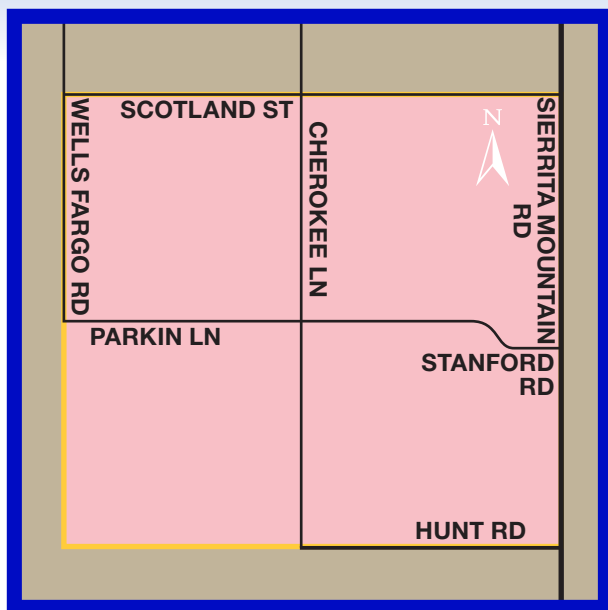
Tucson Water target average  
0.8 to 1.2 mg/L

April 2016

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## Sierrita Foothills Water System

This is a small community by the Three Points area, with 30 connections supplying approximately 75 people from one well.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
91	38	1.68	0.49	7.9	217	73.0

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.  
E. coli positive samples/mo.  
Follow-up assessment required?



### CHLORINE

Actual Average

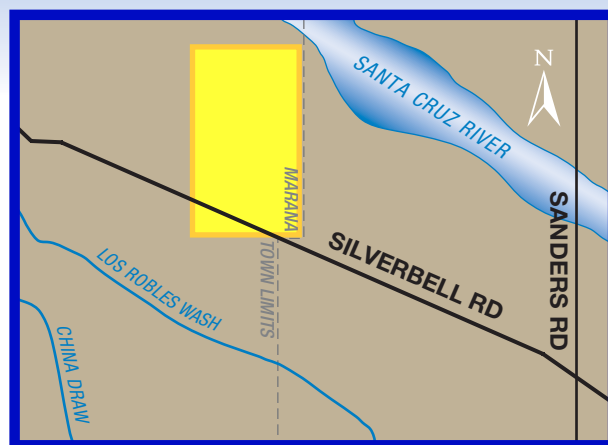
1 sample – 0.9 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L

## Silverbell West Water System

The Silverbell West system has 83 connections serving approximately 230 people from one well.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
335	93	1.95	0.45	7.5	643	79.9

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and E. coli

Total Coliform positive samples/mo.  
E. coli positive samples/mo.  
Follow-up assessment required?



### CHLORINE

Actual Average

1 sample – 0.9 mg/L

EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L

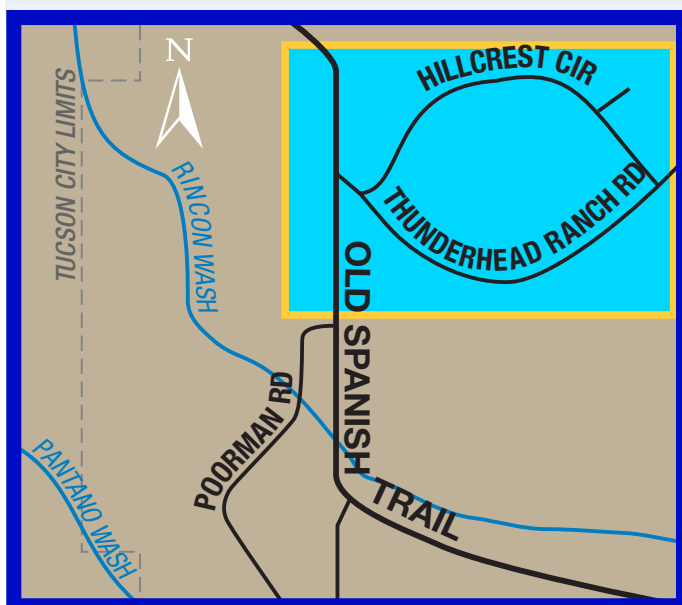


April 2016

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## Thunderhead Ranch Water System

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 persons with water from two wells.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
75	13	1.43	0.15	7.8	140	72.1

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.  
*E. coli* positive samples/mo.  
Follow-up assessment required?



#### CHLORINE

Actual Average  
1 sample—0.8 mg/L

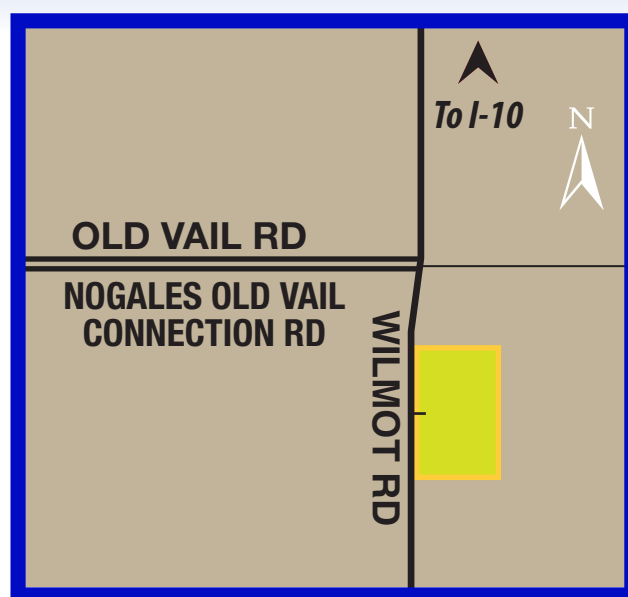


EPA Standard  
Max. 4.0 mg/L

Tucson Water target average  
0.8 to 1.2 mg/L

## Tucson Police-Fire Academy Water System

The Police-Fire Academy, located south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 persons regularly, plus class members taught at this facility.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
200	40	0.80	0.28	7.6	353	72.1

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

#### TOTAL COLIFORM & E. COLI

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.  
*E. coli* positive samples/mo.  
Follow-up assessment required?



#### CHLORINE

Actual Average  
1 sample—0.6 mg/L



EPA Standard  
Max. 4.0 mg/L

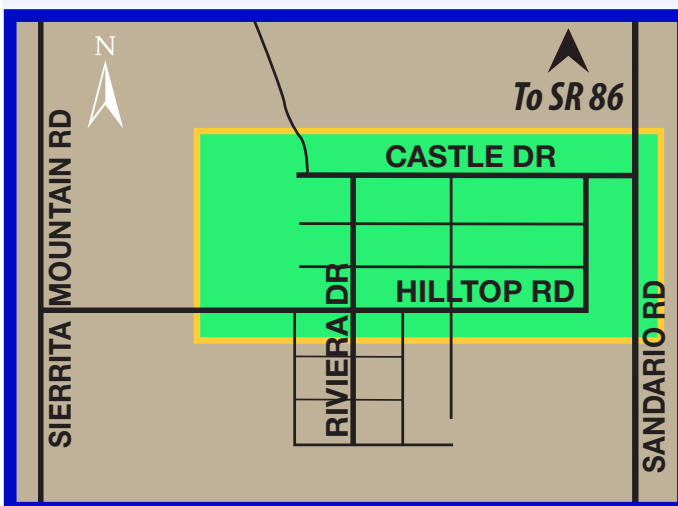
Tucson Water target average  
0.8 to 1.2 mg/L

April 2016

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## Valley View Acres Water System

Valley View Acres is a small community located north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



### TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L*) 1 SP	Sodium (mg/L*) 1 SP	Nitrate-N (mg/L*) 1 SP	Fluoride (mg/L*) 1 SP	pH Level (S.U.) 1 SP	Minerals (mg/L*) 1 SP	Temperature (deg°F) 1 SP
<b>101</b>	<b>50</b>	<b>1.58</b>	<b>0.43</b>	<b>7.7</b>	<b>274</b>	<b>72.3</b>

\*mg/L means milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons

### TOTAL COLIFORM & *E. COLI*

EPA standards for Total Coliform and *E. coli*

Total Coliform positive samples/mo.

*E. coli* positive samples/mo.

Follow-up assessment required?



### CHLORINE

Actual Average

1 sample – 0.6 mg/L



EPA Standard  
Max. 4.0 mg/L

Tucson Water  
target average  
0.8 to 1.2 mg/L